

3.2 Medical Requirements Overview

TABLE 3.2: MEDICAL REQUIREMENTS OVERVIEW

MEDB# and Title:	MEDB 7.2 PREFLIGHT EVALUATIONS
Sponsor:	Behavioral Sciences
IPT:	Behavior and Performance
Category:	Medical Requirements (MR)
References:	Medical Evaluation Documents (MED) Volume B, Section 7.2 Preflight Evaluations ISS MORD : Section 8.3.1: Pre-flight Behavioral Health and Performance Section 4.1.3: Flight crew Medical Training and Certification
Purpose/Objectives:	Psychiatric/Psychological assessment of behavioral readiness for flight. Review of individual and crew psychological services.
Measurement Parameters:	N/A
Deliverables:	N/A
Flight Duration:	≥ 30 days
Number of Flights:	Each ISS long duration expedition
Number and Type of Crew Members Required:	All ISS crewmembers
Other Flight Characteristics:	N/A
Notes:	

3.3 Preflight Training N/A

3.4 Preflight Activities

TABLE 3.4: PREFLIGHT ACTIVITIES

Preflight Activity	Description:	An assessment of crew flight readiness is conducted by BHP personnel. Preflight briefings between the crewmembers & BHP specialist are required to assess behavioral readiness for flight & review of individual & crew psychological services.			
	Schedule:	Duration:	Schedule:	Flexibility:	Personnel Required:
		Behavioral Medicine Assessment 60 min. Behavioral Medicine Assessment 90 min.	L- 180 days L- 45/30 days	May be conducted over 2 days between L-30 and 45	Crew & BHP Psychiatrist or Psychologist Crew & BHP Psychiatrist or Psychologist
Ground Support Requirements Hardware/Software	Preflight Hardware:	Preflight Software:		Test Location:	
	N/A	N/A		U.S. or Russia	
Testing Facilities	Minimum Room Dimensions:	Number of Electrical Outlets:	Temperature Requirements:		Special Lighting:
	8' x 10'	2 (U.S. 110V, Russia 220V)	Ambient		N/A
	Hot or Cold Running Water:	Privacy Requirements:	Vibration/Acoustic Isolation:		Other:
	N/A	Private room free of distractions	N/A		N/A
Constraints/Special Requirements:	N/A				
Launch Delay Requirements:	N/A				
Notes:	N/A				
Data Delivery	Data/Report to Designated Recipients (Nominal/Contingency):				
	N/A				

3.5 In-Flight Activities (N/A)

3.6 Summary Schedule

TABLE 3.7: SUMMARY SCHEDULE

ACTIVITY	DURATION	SCHEDULE	PERSONNEL REQUIRED	CONSTRAINTS
Preflight Training				
N/A				N/A
Preflight				
Behavioral Medicine Assessment	60 min	L- 180 days	Crew & BHP Psychiatrist or	N/A
	90 min.	L- 45/30 days	Psychologist	
Behavioral Medicine Assessment			Crew & BHP Psychiatrist or Psychologist	
Postflight				
N/A				
Postflight Debrief				
N/A				